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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/891,667	06/26/2001	Luigi Agarossi	IT 000004	9745
24737 7590 01/13/2005		EXAMINER		
PHILIPS INTELLECTUAL PROPERTY & STANDARDS			LAMB, TWYLER MARIE	
P.O. BOX 3001 BRIARCLIFF MANOR, NY 10510		ART UNIT	PAPER NUMBER	
		2622		
		DATE MAILED: 01/13/2005		

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary    Examiner   Tryyler M. Lamb   Z622			Annliestion No.	Amulinan4/a)				
## Deficiency   Examiner   Tryyler M. Lamb   2622    - The MAILING DATE of this communication appears on the cover sheet with the correspondence address —  Period for Reply  A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.  Edenticion of time may be available under the probleme of 31 CFR 1.156(a). In no event, however, may a raply be timely filled.  If the period for reply specified above, the maximum statistical priod old specified specified specified above, the maximum statistical priod old specified above, the maximum statistical priod old specified specified specified above, the maximum statistical priod old specified specified specified above, the maximum statistical priod old specified specifi	Office Action Summary		Application No.	Applicant(s)				
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Period for Reply  A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.  E detentions of time may be available under the provisions of 37 CFR 1.35(a), in no event, however, may a reply be timely filed.  E the period for reply a specified above, the maximum statutory period will apply and will expire 31X (8) MONTHS from the nearling date of this communication of reply specified above, the maximum statutory period will apply and will expire 31X (8) MONTHS from the melting date of this communication. Period to the specified above, the maximum statutory period will apply and will expire 31X (8) MONTHS from the melting date of this communication. Period to the specified above, the maximum statutory period will apply and will expire 31X (8) MONTHS from the melting date of this communication, even if timely filed, may neduce any seamed patient term adjustment. See 37 CFR 1.764(a).  Status  1)  Responsive to communication(s) filed on 26 June 2001.  2a)  This action is FINAL.  2b)  This action is non-final.  3)  Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims  4)  Claim(s)	•		Twyler M. Lamb	2622				
THE MAILING DATE OF THIS COMMUNICATION.  Edetains of time may be available under the previous of 3 CPR 1.136(a). In no event, however, may a raphy be timely filed after 5X (6) MONTHS from the mailing date of this communication.  It is not to raphy in a provided to the provided provided to the communication of the communication of the communication of the communication.  If NO purdot for raphy is specified above, the maximum statistury period with pay and will explay the the mailing date of this communication.  Failune to reply within the set or ordended period for reply will, by datate, cause the application to become ARAHCONED (35 U.S. £ \$ 133). Any noyly received by the official extrem there maining date of this communication, even if timely filed, may reduce any examined patent term adjustment. Set 97 CPR 1.704(b).  Status  1) Responsive to communication(s) filed on 26 June 2001.  2a) This action is FINAL.  2b) This action is non-final.  3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims  4) Claim(s) 1-8 is/are pending in the application.  4a) Of the above claim(s) is/are withdrawn from consideration.  5) Claim(s) 1-8 is/are pending in the application.  4a) Claim(s) 1-8 is/are rejected.  7) Claim(s) 1-8 is/are rejected to.  8) Claim(s) 1-8 is/are rejected to by the Examiner.  10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to See 37 CFR 1.121(d).  11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.  Priority under 35 U.S.C. § 119  12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) All b) some c) Non			ears on the cover sheet with the c	correspondence address				
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2a)  This action is FINAL. 2b)  This action is non-final.  3)  Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims  4)  Claim(s)  # sis/are pending in the application.  4a) Of the above claim(s)  is/are allowed.  5)  Claim(s)  # sis/are rejected.  7)  Claim(s)  is/are objected to.  8)  Claim(s)  are subject to restriction and/or election requirement.  Application Papers  9)  The specification is objected to by the Examiner.  10   The drawing(s) filed on  is/are: a)  accepted or b)  objected to by the Examiner.  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to See 37 CFR 1.121(d).  11)  The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.  Priority under 35 U.S.C. § 119  12)  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a)  All b)  Some * c) None of:  1.  Certified copies of the priority documents have been received in Application No.  3.  Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  Attachment(e)  1)  Notice of Preferences Cited (PTO-892)  3)  Nortice of Informal Patent Application (PTO-143)  Paper No(s)/Mail Date.  5)  Notice of Informal Papication (PTO-152)	_	December 1 and 1 a	0004					
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5) ☐ Claim(s) is/are allowed. 6) ☐ Claim(s) is/are rejected. 7) ☐ Claim(s) is/are objected to. 8) ☐ Claim(s) is/are objected to. 8) ☐ Claim(s) is/are objected to restriction and/or election requirement.  Application Papers  9) ☐ The specification is objected to by the Examiner. 10) ☐ The drawing(s) filed on is/are: a) ☐ accepted or b) ☐ objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.  Priority under 35 U.S.C. § 119  12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) ☐ All b) ☐ Some * c) ☐ None of:  1. ☐ Certified copies of the priority documents have been received. 2. ☐ Certified copies of the priority documents have been received in Application No 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  Attachment(s)  1) ☐ Notice of References Cited (PTO-892) Charlesperson's Patent Drawing Review (PTO-948) S) ☐ Notice of Oraftsperson's Patent Drawing Review (PTO-949) S) ☐ Notice of Oraftsperson's Patent Drawing Review (PTO-949) S) ☐ Notice of Informal Patent Application (PTO-152)	4)⊠	4) Claim(s) 1-8 is/are pending in the application.						
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9) The specification is objected to by the Examiner.  10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.  Priority under 35 U.S.C. § 119  12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) All b) Some col None of:  1. Certified copies of the priority documents have been received.  2. Certified copies of the priority documents have been received in Application No  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  Attachment(s)  1) Notice of References Cited (PTO-892)  Notice of Draftsperson's Patent Drawing Review (PTO-948)  3) Interview Summary (PTO-413)  Paper No(s)/Mail Date  Paper No(s)/Mail Date  Notice of Informal Patent Application (PTO-152)	8)[_]	Claim(s) are subject to restriction and/or	r election requirement.					
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Application/Control Number: 09/891,667 Page 2

Art Unit: 2622

#### **DETAILED ACTION**

## **Priority**

1. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

#### Specification

The following guidelines illustrate the preferred layout for the specification of a utility application. These guidelines are suggested for the applicant's use.

### Arrangement of the Specification

As provided in 37 CFR 1.77(b), the specification of a utility application should include the following sections in order. Each of the lettered items should appear in upper case, without underlining or bold type, as a section heading. If no text follows the section heading, the phrase "Not Applicable" should follow the section heading:

- (a) TITLE OF THE INVENTION.
- (b) CROSS-REFERENCE TO RELATED APPLICATIONS.
- (c) STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT.
- (d) INCORPORATION-BY-REFERENCE OF MATERIAL SUBMITTED ON A COMPACT DISC (See 37 CFR 1.52(e)(5) and MPEP 608.05. Computer program listings (37 CFR 1.96(c)), "Sequence Listings" (37 CFR 1.821(c)), and tables having more than 50 pages of text are permitted to be submitted on compact discs.) or REFERENCE TO A "MICROFICHE APPENDIX" (See MPEP § 608.05(a). "Microfiche Appendices" were accepted by the Office until March 1, 2001.)
- (e) BACKGROUND OF THE INVENTION.
  - (1) Field of the Invention.
    - (2) Description of Related Art including information disclosed under 37 CFR 1.97 and 1.98.
- (f) BRIEF SUMMARY OF THE INVENTION.
- (g) BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWING(S).
- (h) DETAILED DESCRIPTION OF THE INVENTION.
- (i) CLAIM OR CLAIMS (commencing on a separate sheet).
- (j) ABSTRACT OF THE DISCLOSURE (commencing on a separate sheet).
- (k) SEQUENCE LISTING (See MPEP § 2424 and 37 CFR 1.821-1.825. A "Sequence Listing" is required on paper if the application discloses a nucleotide or amino acid sequence as defined in 37 CFR 1.821(a) and if

Art Unit: 2622

the required "Sequence Listing" is not submitted as an electronic document on compact disc).

2. The disclosure is objected to because of the following informalities: The disclosure (specification is objected to because it does not meet the arrangement guidelines mentioned above.

Appropriate correction is required.

#### Claim Objections

3. Claims 1 and 3-6 objected to because of the following informalities: The claims are objected to because the element numbers are mentioned in the claims. Appropriate correction is required.

# Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

Application/Control Number: 09/891,667

Art Unit: 2622

5. Claims 1-8 are rejected under 35 U.S.C. 102(e) as being anticipated by Astle et al. (Astle) (US 5,953,076).

With regard to claim 1, Astle discloses an image processing unit for processing an image, the image processing unit comprising: an input for receiving the image, a processor for processing the image, the processor being arranged to substitute an original object residing at object coordinates in the image by a substitute object, and an output for outputting the processed image, characterized in that the processor is further arranged to search the image for presence of the original object on the basis of a predetermined appearance and to determine the object coordinates of the original object, if present (col 6, lines 39-67). (check for indefinites)

With regard to claim 2, Astle discloses wherein the predetermined appearance is a shape (col 7, lines 1-67).

With regard to claim 3, Astle discloses comprising a selection unit to enable a user to select the predetermined appearance from a number of available appearances (col 7, lines 1-67).

With regard to claim 4, Astle discloses comprising a selection unit to enable a user to select the substitute object from a number of available objects (col 6, lines 39-67).

With regard to claim 5, Astle discloses being arranged to receive a series of consecutive images and wherein the processor is arranged to process each of the images (col 12, lines 11-33, col 14, lines 34-51).

Application/Control Number: 09/891,667

Art Unit: 2622

With regard to claim 6, Astle discloses wherein the processor is arranged to determine a track of the original object over a number of the series of images and to decide to substitute the original object by the substitute only is such track can be determined (col 7, lines 1-67).

With regard to claim 7, Astle discloses an image display apparatus comprising: a receiver for the reception of a signal representing an image; an image processing unit as claimed in claim 1; and a display device for displaying the processed image (col 6, lines 39-67).

With regard to claim 8, Astle discloses a method of processing an image, the method comprising the steps of receiving the image, processing the image, including substituting an original object residing at object coordinates in the image by a substitute object, and outputting the processed image, characterized in that the step of processing the image further includes searching the image for the presence of the original object on the basis of a predetermined appearance and determining the object coordinates of the original object, if present (col 6, lines 39-67).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Twyler M. Lamb whose telephone number is 703-308-8823. The examiner can normally be reached on M-Thurs 6:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward L. Coles can be reached on 703-305-4712. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Application/Control Number: 09/891,667 Page 6

Art Unit: 2622

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Twyler M. Lamb Primary Examiner Art Unit 2622